31

43

53

63

75

91

189

## Contents of Volume 73

Numbers 1 and 2, July 1995

## Minireview

trans-Splicing: An update

T.W. Nilsen (USA)

## Research Papers

- Sequence, characterization and localization of a cysteine proteinase cathepsin L in Schistosoma mansoni
- A. Michel, H. Ghoneim, M. Resto, M.-Q. Klinkert and W. Kunz (Germany, Italy)
- Identification and analysis of the start site of ribosomal RNA transcription of Entamoeba histolytica
- B. Michel, P.M. Lizardi, A. Alagón and M. Zurita (México)
- Characterization of arachidonic-acid-metabolizing enzymes in adult Schistisoma mansoni
- H. Abdel Baset, G.P. O'Neill and A.W. Ford-Hutchinson (Canada)
- Kinetic mechanism of pyrophosphate-dependent phosphofructokinase from Giardia lamblia
- N.F.B. Phillips and Z. Li (USA)
- Purification and characterization of a β-like DNA polymerase from Trypanosoma cruzi

  J. Venegas and A. Solari (Chile)
- Chromosome specific markers reveal conserved linkage groups in spite of extensive chromosomal size variation in Trypanosoma
- J. Henriksson, B. Porcel, M. Rydåker, A. Ruiz, V. Sabaj, N. Galanti, J.J. Cazzulo, A.C.C. Frasch and U. Pettersson (Sweden,
- Argentina, Chile)
  cDNA expressed sequence tags of Trypanosoma brucei rhodesiense provide new insights into the biology of the parasite
- N.M.A. El-Sayed, C.M. Alarcon, J.C. Beck, V.C. Sheffield and J.E. Donelson (USA)
  Phospho enol pyruvate carboxykinase from Trypanosoma cruzi. Purification and physicochemical and kinetic properties
- C. Cymeryng, J.J. Cazzulo and J.J.B. Cannata (Argentina)
  Sequence heterogeneity of the C-terminal, Cys-rich region of the merozoite surface protein-1 (MSP-1) in field samples of
- Plasmodium falciparum
  Y. Kang and C.A. Long (USA)
- Cloning and characterization of a Plasmodium falciparum cyclophilin gene that is stage-specifically expressed
- G.R. Reddy (USA)

  Characterization of the gene family encoding a host-protective antigen of the tapeworm Taenia ovis
- J.G. Waterkeyn, M.W. Lightowlers, R. Coppel and A.F. Cowman (Australia)
   Cloning and expression of the hypoxanthine-guanine phosphoribosyltransferase from Leishmania donovani
- T.E. Allen, H.-Y. Hwang, A. Jardim, R. Olafson and B. Ullman (USA, Canada)
- Intergenic region typing (IRT): A rapid molecular approach to the characterization and evolution of *Leishmania*E. Cupolillo, G. Grimaldi Jr., H. Momen and S.M. Beverley (USA, Brazil)
- Characterization of a plasminogen activator produced by Acanthamoeba castellanii
  M.L.M. Mitra, H. Alizadeh, R.D. Gerard and J.Y. Niederkorn (USA)

  157
- Structure and sequence variation of the genes encoding the polymorphic, immunodominant molecule (PIM), an antigen of Theileria
- parva recognized by inhibitory monoclonal antibodies
  P. Toye, E. Gobright, J. Nyanjui, V. Nene and R. Bishop (Kenya)

  165
- Exogenous and endogenous sources of sterols in the culture-adapted procyclic trypomastigotes of *Trypanosoma brucei*1. Conners and P.J. Courtoy (Relgium)

  179
- Coppens and P.J. Courtoy (Belgium)
   Molecular analysis of two hexokinase isoenzymes from Entamoeba histolytica

S. Ortner, B. Plaimauer, M. Binder, O. Scheiner, G. Wiedermann and M. Duchêne (Austria)

Modification of the sterol composition of Trypanosoma (Schizotrypanum) cruzi epimastigotes by $\Delta^{24(25)}$ -sterol methyl transferase inhibitors and their combinations with ketoconazole	
J.A. Urbina, J. Vivas, G. Visbal and L.M. Contreras (Venezuela)	199
A possible role for the guide RNA U-tail as a specificity determinant in formation of guide RNA-messenger RNA chimeras in	
mitochondrial extracts of Crithidia fasciculata	
G.J. Arts, P. Sloof and R. Benne (Netherlands)	211
A diamidine-resistant Trypanosoma equiperdum clone contains a P2 purine transporter with reduced substrate affinity	
M.P. Barrett, Z.Q. Zhang, H. Denise, C. Giroud and T. Baltz (France)	223
Molecular characterization of a Brugia malayi intermediate filament protein which is an excretory-secretory product of adult worms	
R. Chandrashekar, K.C. Curtis, B.W. Li and G.J. Weil (USA)	231
Short Communications	
A direct and rapid sequencing strategy for the Plasmodium falciparum antigen gene gp190/MSA1	
W. Pan, R. Tolle and H. Bujard (Germany)	241
Sequence and genomic organisation of a novel repetitive DNA element from the potato cyst nematode Globodera pallida	
P.R. Burrows, M. Smoker and M.E.S. Grisi (UK, Brazil)	245
Phylogenetic relationships between Old World Leishmania strains revealed by analysis of a repetitive DNA sequence	
R. Piarroux, M. Fontes, R. Perasso, F. Gambarelli, C. Joblet, H. Dumon and M. Quilici (France)	249
Cloning of a bradyzoite-specific gene of Toxoplasma gondii encoding a cytoplasmic antigen	
S.F. Parmley, L.M. Weiss and S. Yang (USA)	253
Transcription of protein-coding genes in Entamoeba histolytica is insensitive to high concentrations of $\alpha$ -amanitin	
C. Lioutas and E. Tannich (Germany)	259
Developmental regulation of Taenia ovis 45W gene expression	-
C.G. Gauci and M.W. Lightowlers (Australia)	263
Sequence analysis of apical membrane antigen 1 (AMA-1) of Plasmodium cynomolgi bastianelli	
S. Dutta, P. Malhotra and V.S. Chauhan (India)	267
Isolation of Imcpc, a gene encoding a Leishmania mexicana cathepsin-B-like cysteine proteinase	
G. Bart, G.H. Coombs and J.C. Mottram (UK)	271
Stage-specific expression of the mRNA encoding a 14-3-3 protein during the life cycle of Schistosoma mansoni	
D. Schechtman, D. Ram, R. Tarrab-Hazdai, R. Arnon and I. Schechter (Israel)	275
Marine fish and ray trypanosomes have large kinetoplast minicircle DNA	
M. Jirků, A.A. Kolesnikov, O. Benada and J. Lukeš (Czech Republic, Russia)	279
Ca2+ signal induced by Trypanosoma cruzi metacyclic trypomastigote surface molecules implicated in mammalian cell invasion	
M.L. Dorta, A.T. Ferreira, M.E.M. Oshiro and N. Yoshida (Brazil)	285
A bradyzoite stage-specifically expressed gene of Toxoplasma gondii encodes a polypeptide homologous to lactate dehydrogenase	
S. Yang and S.F. Parmley (USA)	291
Corrigendum	
Molecular analysis of antigens targeted by protective antibodies in rapid expulsion of Trichinella spiralis [Mol. Biochem. Parasitol.	
65 (1994) 201]	
P. Arasu, L.A. Ellis, R. Iglesias, F.M. Ubeira and J.A. Appleton (USA, Spain)	295
Contents to Volume 73	297

Instructions to Authors

